

GABOVICH, R. D.

Gabovich, R. D. "Fluorine in drinking water of the Ukraine and its hygienic significance. Report No. 1," Gidrokhim. materialy (Akad. nauk SSSR, Gidrokhim. in-t), Vol. XVI, 1949, p. 113-21, - Bibliog: 19 items.

SO: U3261, 10 April 53, (Letopis 'zhurnal 'nykh stately, No. 12, 1949)

C.4.

14

Fluorine in drinking water and spotted tooth enamel.  
R. D. Gabovich (Kiev Med. Inst.). *Gigiena i Sanit.* 1950,  
No. 8, 13-17; cf. C.A. 43, 8382. —The effect of F on en-  
amel is reviewed. In the Ukraine in locations having over  
4.2 mg./l. F in drinking water, over 33% of the population  
show severe enamel spotting. A rapid increase of spotting  
takes place when the concen. rises from 1 to 4 mg./l.  
G. M. Kostylev

// G

CA

Fluorine in drinking water and its effect on teeth. R.  
D. Gabaych (Kiev Med. Inst.). Stomatologiya 1950,  
No. 3, 22-5. Exams. in the Ukraine conducted since  
1946 showed that less than 0.3 mg. F per l. leads to higher  
than normal caries incidence. The concn. of 0.7-1.3  
mg./l. is optimum as far as tooth protection is concerned.  
Concs. above 2 mg./l. are undesirable as enamel spotting  
and structure weakening are observed. (G. M. K.)

CA

12

/ Fluorine in food products. R. D. Gabovich (Kiev Med.

Inst.). *Gigiena i Sanit.* 1951, No. 6, 31-7.—F arising from the various common foods is assimilated by the organism to the extent of only 75-80% in comparison with inorg. F from drinking water, but its action is similar. Av. F level found in local foods was 0.3-0.6 mg./kg. Hence an av. 20-kg. child, needing 1.6-2.0 mg. F daily, as a rule cannot obtain it by normal food sources. This is the reason for endemic fluorosis in the Ukraine. The situation is rather similar among the adults of the population. The most rational F enrichment would be the addn. of F to water used in bread prepn.  
G. M. Kosolapoff

GABOVICH, R.D.

Determination of fluorine content in potable water. Oig. sanit.,  
Moskva no.10:17-21 Oct 1951. (CLML 21:2)

1. Of the Department of General Hygiene, Kiev Medical Institute.

GABOVICH, R.D.

USSR •

Fluorine in water of atmospheric precipitations. R. D. Gabovich (O. O. Bogomol'skaia Med. Inst., Kiev). Dopovid' Akad. Nauk Ukr. R.S.R. 1952, 397-400 (Russian summary); Zhur. Fiz. Khim. R.S.R. 1952, 26(1), 230-34.—Forty-three regions of Ukraine and G. C.A. 40, 23034.—Forty-three regions of Ukraine and U.S.S.R. were investigated. The F content in most parts was  $\approx 10^{-10}$ %, seldom  $n \times 10^{-10}\%$ . The large quantities of F pass into the atm. from the earth's surface (from evapn. of sea water, soil, volcanic activity, combustion of coal, super-phosphate factories etc.). The av. content of F in waters of atm. precip. on the Ukrainian territory are 0.0824 mg./liter. Annually it constitutes 16,117 tons; at the same time the principal rivers of Ukraine take out 11,671 tons. F is detd. by the colorimetric Zr-alizarin method or titrated with Th nitrate. Mamikon Charkandzhan.

AN-B5

GABOVICH, R.D.

Experimental study of toxicity of low concentrations of fluorine. *Gigiena i Sanit.* '53, No.1, 9-15.  
(CA 47 no.19:10095 '53) (MLRA 6:1)

1. Kiev Med. Inst.

Describes expts on the lasting effects of small doses of F introduced into an organism through drinking water from natural sources. Expts were conducted as a research project on endemic fluorosis. Observation of rats, given drinking water with varied content of F over a period of 7 months, showed the appearance of mottled enamel on teeth, a deposit of F in tissues and, with a concn of 50-150 mg per liter of water, pathological histological changes in internal organs, followed by death from pneumonia and cachexia. With a concn of 500 mg of F per liter of water, symptoms of acute poisoning were observed, followed by death in a few days. 256T41

GABOVICH, R.D.; POZNANSKIY, S.S.

Typical plan for practical training in the field of hygiene in  
therapeutic and pediatric departments of medical institutes.  
Gig. i san. no.9:41-45 S '54.

(MLRA 7:10)

(HYGIENE, education,

Russia, in ther. & pediatric departments of med. schools)

(EDUCATION, MEDICAL,

hyg. practical training in pediatric & ther. departments  
of med. schools)

GABOVICH, R.D.; POZNANSKIY, S.S.

Aid of a medical institute to sanitary-epidemiological stations.  
Sov. zdrav. 13 no.5:9-14 S-0 '54. (MLRA 7:12)

1. Iz Kiyevskogo ordena Trudovogo Krasnogo Znameni meditsinskogo  
instituta imeni akad. A.A.Bogomol'tsa (dir. dotsent I.P.Alekseyenko)  
(COMMUNICABLE DISEASES, prevention and control,  
in Russia)

GABOVICH, R. D.

Subject : USSR/Medicine AID P - 2459  
Card 1/2 Pub. 37 - 6/18  
Authors : Bukhovets, V. I., Kand. of Med. Sci., Val'chuk, N. K.,  
Kand. of Biol. Sci., Vitte, N. K., Prof., Gabovich, R.D.,  
Prof., Topchieva, Ye. P., Kand. of Med. Sci.  
Title : Comparative physiological and hygienic evaluation of  
the conditions of work on tractors  
Periodical : Gig. i san., 6, 26-33, Je 1955  
Abstract : Describes the scientific research work conducted by  
different departments of the Vinnitsa Medical Institute  
since January 1954, for the study of health conditions  
of tractor operators depending on the structural  
characteristics of caterpillar and wheel tractors of  
different make, on the type of agricultural work and  
daily schedule, climate, weather, etc. The investigations  
were performed chiefly at the Vinnitsa Machine Tractor  
Station Base during the Sowing Campaign of the spring  
1954. The effect of noise, of dust content and carbon

Gig. 1 san., 6, 26-33, Je 1955

AID P - 2459

Card 2/2 Pub. 37 - 6/18

monoxide concentration in the air, and of special structural features of tractors on the physiological reactions of operators are analyzed. Recommendations are made. 4 tables.

Institution: Vinnitsa Medical Institute

Submitted : Sept. 18, 1954

*File # 13920018*

Subject : USSR/Medicine AID P - 3652  
Card 1/1 Pub. 37 - 16/18  
Author : Gabovich, R. D.  
Title : Sanitarnaya okhrana vodoyemov ot zagryazheniya  
promyshlennymi stochnymi vodami; predel'no dopustimyye  
kontsentratsii vrednykh veshchestv v vodoyemakh (Sanitary  
Protection of Reservoirs against Pollution by Industrial  
Waste Waters; Maximum Permissible Concentration of Harm-  
ful Substances in Reservoirs), v. 2, ed. by Prof. G. A.  
Mitirev and Prof. S. N. Cherkinskiy, Medgiz, 1954,  
225 p. (Book review)  
Periodical : Gig. i. san., 10, 57-59, 0 1955  
Abstract : The reviewer considers the book valuable and very useful  
for sanitary inspectors and hygienists, but points out  
some of its shortcomings.  
Institution : None  
Submitted : No date

GABOVICH, R.D., professor; MPSHTYNN, M.M., dotsent

Fluorine in drinking water and acetylcholine metabolism. Vrach.  
de lo no.2:177-180 F '56. (MLRA 9:7)

1. Kafedra obshchey gigiyeny (zaveduyushchiy professor P.I.Barannik)  
i kafedra biokhimii (zaveduyushchiy professor S.I.Vinokurov  
[diseased]) Kiyevskogo meditsinskogo instituta  
(FLUORINE--PHYSIOLOGICAL EFFECT) (ACETYLCHOLINE)

GABOVICH, R.D., professor (Vinnitsa)

"Agricultural accidents and their prevention" by A.Z.Mamsikov.  
Reviewed by R.D.Gabovich. Ortop., travm. i protez. 17 no.4:68-69  
Jl-Ag '56. (MLRA 9:12)  
(AGRICULTURE--ACCIDENTS) (MAMSIKOV,A.Z.)

GABOVICH R.D.

PRAVEDNIKOV, S.N., dotsent; GABOVICH, R.D., professor

Effect of sodium fluoride on the healing of perforated defects of  
the lower jaw and fractures of the long bones. Ortop. travm. 1  
protez. 17 no.6:135 N-D '56.  
(MILRA 10:2)

1. Iz Vinnitskogo meditsinskogo instituta (direktor - dotsent S.I.  
Korkhov)  
(SODIUM FLUORIDE) (BONES--WOUNDS AND INJURIES)

CHINCHENKO, P.P., professor; GABOVICH, R.D.

Condition and activities of laboratories of sanitary and epidemiological control stations of the Vinnitsa Province and measures for their improvements. Gig. i san. 21 no.5:49-53 My '56. (MIRA 9:8)

1. Iz Vinitskoy oblastnoy sanitarno-epidemiologicheskoy stantsii  
(LABORATORIES, MEDICAL,  
of sanit. epidemiol. stations in Russia (Rus))

BEL'IGA, M.B.; GABOVICH, R.D., professor

Sanitary inspection of the purification of sewage from sugar plants.  
Vrach. delo no.1:69 Ja '57  
(MLRA 10:4)

1. Vinnitskaya oblastnaya sanitarno-epidemiologicheskaya stantsiya.  
(SUGAR INDUSTRY--BY-PRODUCTS) (SEWAGE--PURIFICATION)

GABOVICH, R.D., prof.; DRIZ, I.A.

Three years practice in treating the water of the Vinnitsa water supply intermittent doses of chlorine and subsequent ammonization.  
Gig. i san. 22 no.9:79-80 S '57. (MIRA 10:12)

1. Iz kafedry obshchey gigiyeny Vinnitskogo meditsinskogo instituta  
(VINNITSA--WATER--CHLORINATION)

GABOVICH, R.D., professor

Removing fluorine from the water of local supply system. Vrach.  
delo no.7:737-739 J1 '57. (MLRA 10:8)

1. Kafedra gigiyeny Vinnitskogo meditsinskogo instituta  
(FLUORINE--PHYSIOLOGICAL EFFECT)  
(WATER--PURIFICATION)

"APPROVED FOR RELEASE: 03/13/2001

CIA-RDP86-00513R000513920018-2

GABOVICH, R.D.

GABOVICH, R.D.; CHERKIMSKIY, S.N., red.

[Fluorine and its significance for health] Ftor i ego gigienicheskoe  
znamenie. Pod red. S.N.Cherkinskogo. Moskva, Medgiz. 1957. 250 p.  
(FLUORINE) (MIRA 11:2)

APPROVED FOR RELEASE: 03/13/2001

CIA-RDP86-00513R000513920018-2"

GABOVICH, R.D.

GABOVICH, R.D., professor

Basic principles of sanitary services for workers of tractor  
stations. Gig. i san. 22 no.7:44-49 J1 '57. (MIRA 10:10)

1. Iz kafedry obshchey gigiyeny Vinnitskogo meditsinskogo instituta.  
(AGRICULTURE,  
hyg.serv. for tractor operators (Rus))

GABOVICH, Rafail Davidovich [Habovich, R.D.]; SHAKHBAZYAN, Gaik Khachaturovich [Shakhbasian, H.Kh.], red.

[Hygiene; a manual for physicians and students] Higiiena, posibnyk dlia likarie ta studentiv; pod red.H.Kh.Zhakhbiana. Kyiv, Derzhmedvydav, URSR, 1958. 641 p. (MIRA 12:6)  
(HYGIENE) (PUBLIC HEALTH)

GABOVICH, E.D., BELAGA, M.B., BAKALEYNIKOV, S.B. (Vinnitsa)

Improvement in working conditions at the Vinnitsa Superphosphate  
Plant since the war. Gig.truda i prof.zab. 2 no.2:21-25 Mr-Ap'58  
(MIRA 11:6)

1. Kafedra gigiyeny meditsinskogo instituta i gorodskaya sani-  
tarino-epidemiologicheskaya stantsiya.  
(PHOSPHATE INDUSTRY--HYGIENIC ASPECTS)

GABOVICH, R.D., VENZHIKOVSKAYA, N.V.

Effect of fluoride compounds on the absorption of radioactive iodine by  
the thyroid gland in man and in an experiment [with summary in English]  
Probl.endok. i gorm. 4 no.3:49-54 My-Je '58 (MIRA 11:8)

(FLUORIDES, effects,

on thyroid radioiodine uptake (Rus))

(IODINE, radioactive,

thyroid uptake, eff. of fluorides (Rus))

(THYROID GLAND, physiology,

eff. of fluorides on radioiodine uptake (Rus))

GABOVICH, R.D.

"Flourine metabolism in the body" by M.I. Krylova, V.L. Gnoevaya.  
Reviewed by R.D. Gabovich. Vop.pit. 17 no.6:72-73 N-D '58.  
(MIRA 12:2)

(FLUORINE METABOLISM)  
(KRYLOVA, M.I.)  
(GNOEVAYA, V.L.)

GABOVICH, R.F., prof. (Vinnitsa)

"Active recreation as a means for increasing working ability and improving health" by I.M. Trakhtenberg. Reviewed by R.F. Babovich.  
Vrach.delo no.8:885 Ag '58 (MIRA 11:8)

(INDUSTRIAL RECREATION)  
(TRAKHTENBERG, I.M.)

GABOVICH, R.D., prof.; BUKHOVETS, V.I., kand.med.nauk

Work of the Vinnitsa Province division of the Society of Hygienists  
in 1957. Gig. i san. 23 no.4:86-87 Ap '58.  
(MIRA 11:6)  
(VINNITS PROVINCE--PUBLIC HEALTH--SOCIETIES)

*20/3 0 1977, 8:10*  
**KHOSITASHVILI, B.; GABOVICH, R.D., prof.**

Local meeting of hygienists regarding the work of "Gigiena i sanitariia." Gig. i sen. 23 no.4:87-88 Ap '58. (MIRA 11:6)  
(PUBLIC HEALTH--PERIODICALS)

**"APPROVED FOR RELEASE: 03/13/2001**

**CIA-RDP86-00513R000513920018-2**

GABOVICH, R. D., CHERKINSKIY, S. N., ZASLAVSKAYA, R. M.

"Results of the study of endemic fluorosis in the USSR."

report submitted at the 13th All-Union Congress of Hygienists, Epidemiologists  
and Infectionists, 1959.

**APPROVED FOR RELEASE: 03/13/2001**

**CIA-RDP86-00513R000513920018-2"**

VOL'FSO~~N~~, Z.G.; GABOVICH, R.D.; GORN, L.E.

"Chronic carbon monoxide poisoning"; a collection of papers from  
the Lvov Medical Institute. Reviewed by Z.G. Vol'fszon, R.D. Gabo-  
vich, L.E. Gorn. Gig. i san. 24 no.1:90-92 Ja '59.

(MIRA 12:2)

(CARBON MONOXIDE--TOXICOLOGY)

GABOVICH, R.D., prof.; MOGILEVSKIY, Ya.A.

"Hygienic problems in supplying water to rural settlements" by  
S. N. Cherkinskii. Reviewed by R. D. Gabovich. IA.A. Mogilevskii.  
Gig. i san. 24 no.5:83-86 My '59 (MIRA 12:7)  
(WATER SUPPLY, RURAL) (CHERKINSKII, S.N.)

GABOVICH, R.D., prof.; MAYSTRUK, P.N.

Fluorine as a factor in the prevention of dental caries.  
Gig. i san. 24 no.7:21-26 Jl '59. (MIRA 12:9)

1. Iz kafedry gigiyeny Vinnitskogo meditsinskogo instituta i  
Vinnitskoy oblastnoy sanitarno-epidemiologicheskoy stantsii.  
(FLUORINE

relation of natural fluorine in drinking  
water to incidence of dent. caries, statist.  
(Rus))

(DENTAL CARIES, statist.

relation of incidence to natural fluorine in  
drinking water (Rus))

"APPROVED FOR RELEASE: 03/13/2001

CIA-RDP86-00513R000513920018-2

GABOVICH, R.D., prof.

Activities of the Vinnitsa Province section of the Hygienic Society in 1958. Gig. 1 san. 24 no.7:84-85 J1 '59.

(MIRA 12:9)

(PUBLIC HEALTH  
in Russia (Rus))

APPROVED FOR RELEASE: 03/13/2001

CIA-RDP86-00513R000513920018-2"

GABOVICH, R.D.; BUKHOVETS, V.I.; VERZHNIKOVSKAYA, N.V. (Vinnitsa)

Studying the functional state of the thyroid gland in workers  
of superphosphate and sulfuric acid industries using  $^{131}\text{I}$   
absorption as an inducator. Gig. truda i prof. zab. 4 no.2:  
26-30 F '60. (MIRA 15:3)

1. Kafedra obshchey gigiyeny Vinnitskogo meditsinskogo in-  
stituta i Kiyevskogo meditsinskogo instituta.

(THYROID GLAND)

(SULFURIC ACID INDUSTRY--HYGIENIC ASPECTS)

(PHOSPHATE INDUSTRY--HYGIENIC ASPECTS)

GABOVICH, R.D.; ABERMAN, Ye.S.

"Staphylococcal food intoxications" by A.I. Stolmakova. Reviewed  
by R.D. Gabovich, E.S. Aberman. Vop. pit. 19 no. 6:88-90 N-D '60.  
(MIRA 13:10)

(FOOD POISONING) (STAPHYLOCOCCAL INFECTIONS)  
(STOLMAKOVA, A.I.)

"APPROVED FOR RELEASE: 03/13/2001

CIA-RDP86-00513R000513920018-2

GABOVICH, R.D., professor, doktor meditsinskikh nauk

"Military hygiene" by F.G. Krothov. Reviewed by R.D. Gabovich.  
Voen.-med. zhur. no. 6:89-91 Je '60. (MIRA 13:7)  
(MILITARY HYGINE) (Krothov, F.G.)

APPROVED FOR RELEASE: 03/13/2001

CIA-RDP86-00513R000513920018-2"

"APPROVED FOR RELEASE: 03/13/2001

CIA-RDP86-00513R000513920018-2

GABOVICH, R.D., prof.; BUKHOVETS, V.I., kand.med.nauk; YERMAKOVA, N.A.

Phosphorus metabolism in long-term fluoride intoxication. Vrach.  
dele no.6:627-629 Je '60. (MIRA 13:7)

1. Kafedra gigiyent Vinitskogo meditsinskogo instituta.  
(PHOSPHOROUS METABOLISM) (FLUORINE--TOICOLOGY)

APPROVED FOR RELEASE: 03/13/2001

CIA-RDP86-00513R000513920018-2"

GABOVICH, R.D., prof.; BUKHOVETS, V.I., kand.med.nauk

Sanitary and hygienic characteristics of the water at the  
Khmel'nik health resort. Vrach.delo no.7:100-101 Jl '60.

(MIRA 13:7)

1. Kafedra gigiyeny Vinnitskogo meditsinskogo instituta.  
(KHMEL'NIK--MINERAL WATERS)

GABOVICH, R.D., prof.

"Labor hygiene relating to the use of insecticides and fungicides  
in agriculture" by L.I.Medved'. Reviewed by R.D.Gabovich. Gig.  
i san. 25 no.3:114-116 Mr '60. (MIRA 14:5)  
(DUSTING AND SPRAYING IN AGRICULTURE—HYGIENIC ASPECTS)  
(MEDVED', L.I.)

GABOVICH, R.D., prof.; SHRAVSHTEYN, R.A.

Neutralization and decontamination of fluoric acid containing water  
by treatment with chalk. Gig. i san. 25 no.4:88-91 Ap '60.  
(MIRA 13:8)

1. Iz kafedry gigiyeny Vinnitskogo meditsinskogo instituta i Vinnitskoy  
oblastnoy sanitarno-epidemiologicheskoy stantsii.  
(SOUTHERN BUG RIVER—INDUSTRIAL WASTES)

GABOVICH, R.D., prof.

Work of the Vinnitsa Province branch of the Society of Hygienists  
in 1959. Gig.i san. 25 no.7:106-108 J1 '60. (MIRA 14:5)  
(VINNITSA PROVINCE--PUBLIC HEALTH SOCIETIES)

SAVCHENKO, Pantoleymon Spiridonovich, kand. khim. nauk; DYATLOVITSKAYA,  
Frida Grigor'yevna, kand. khim. nauk; YAROSHENKO, Vasiliy  
Andreyevich, kand. med. nauk; AL'BOVA, Yevgeniya Alekseyevna,  
kand. med. nauk; GABOVICH, R.D., red.; LEVCHUK, A.O., tekhn.  
red.

[Methods of chemical and microbiological analysis of water]  
Metody khimicheskogo i mikrobiologicheskogo analiza vody. [By]  
P.S.Savchenko i dr. Kiev, Csmedzdat USSR, 1961. 197 p.  
(WATER--ANALYSIS) (WATER--MICROBIOLOGY)

(MIRA 15:9)

BARANNIK, P.I.[Barannik, P.I.], prof.; GABOVICH, R.D.[Habovych, R.D.],  
red.; POTOTSKAYA, L.A.[Potots'ka, L.A.], tekhn. red.

[Lecture course on general hygiene] Kurs lektsii z zahal'noi  
higieny. Kyiv, Derzh. med. vyd-vo URSR, 1961. 243 p.  
(MIRA 15:4)

(PUBLIC HEALTH)

GABOVICH, R.D., prof.

"Sanitary protection of reservoirs from pollution by industrial wastes (permissible concentrations of injurious substances in reservoirs)" Part 4. Edited by S.N. Cherkinskii. Reviewed by R.D. Gabovich. Gig. i san. 26 no. 7:124-125 Jl '61.  
(MIRA 15:6)

(WATER--POLLUTION)

KUL'SKIY, Leonid Adol'fovich, prof.; GABOVICH, R.D., prof., red.;  
TURCHINOVICH, V.T., prof., red.; RACHEVSKAYA, M.I., red. izd-va;  
LELYUKHIN, A.A., tekhn. red.

[Principles of the physiochemical methods of water treatment]  
Osnovy fiziko-khimicheskikh metodov obrabotki vody. Moskva,  
Izd-vo M-va kommun.khoz. RSFSR, 1962. 219 p. (MIRA 15:10)

1. Chlen-korrespondent Akademii nauk Ukrainskoy SSR (for  
Kul'skiy).  
(Water-Purification)

BELYAYEV, I.I., prof.; BLOKH, S.S., kand. med. nauk; GABOVICH, R.D., prof.; GORBOV, V.A., dots.; ZHABOTINSKIY, V.M., prof.; ZASLAVSKAYA, R.M., kand. med. nauk; KIBAL'CHICH, I.A., kand. med. nauk; KROTKOV, F.G., prof.; MOGILEVSKIY, Ya.A., kand. med. nauk[deceased]; TRAKHTMAN, N.N., dots.; CHERKINSKIY, S.N., prof.; GOROMOSOV, M.S., doktor med. nauk, red.; RYAZANOV, V.A., prof., red.; BUSHTUYEVA, K.A., dots., red.; SELESKIRIDI, I.G., dots., red.; OSTROVERKHOV, G.Ye., prof., glav. red.; PETROVA, N.K., tekhn. red.

[Manual on communal hygiene] Rukovodstvo po kormunal'noi gигиене.  
Moskva, Medgiz. Vol.2. 1962. 763 p. (MIRA 15:12)

1. Deystvitel'nyy chlen Akademii meditsinskikh nauk SSSR (for Krotkov). 2. Chlen-korrespondent Akademii meditsinskikh nauk SSSR (for Cherkinskiy, Ryazanov).  
(SOIL DISINFECTION) (WATER SUPPLY)

BARANNIK, P.I., red.; BARCHENKO, I.P., red.; GABOVICH, R.D., red.;  
KAGAN, S.S., red.; KALYUZHNYI, D.N., red.; KRYVOGLAZ, B.A.,  
red.; POZNANSKIY, S.S., red.; SUPONITSKIY, M.Ya., red.;  
TRAKHTENBERG, I.M., red.; SHAKHBAZYAN, G.Kh., red.; SHMAL',  
D.D., red.; OSETROV, V.I., red.; CHUCHUPAK, V.D., tekhn.red.

[Problems of general and specialized hygiene] Voprosy obshohei  
i chastnoi gigieny. Kiev, Gosmedizdat USSR, 1963. 308 p.  
(MIRA 16:10)

1. Ukraine. Ministerstvo zdravookhranenia.  
(PUBLIC HEALTH)

GABOVICH, R.D., prof.; MAYSTRUK, P.N.

Therapeutic and prophylactic nutrition at fluorine production  
plants. Vop.sit. 22 no.1:32-38 Ja-F'63 (MIRA 16:11)

1. Iz kafedry kommunal'noy gigiyeny (zav. - prof. R.D.Gabovich)  
Kiyevskogo meditsinskogo instituta i Vinnitskoy oblastnoy sa-  
nitarno-epidemiologicheskoy stantsii.

\*

GABOVICH, R.D., prof. (Kiev)

Academician V.I. Vernadskii and the importance of his geochemical theories for hygiene; on the one-hundredth anniversary of his birth. Gig. i san. 28 no.7:37-40 Jl '63. (MIRA 17:1)

GABOVICH, Rafail Davidovich, prof.; POZNANSKIY, Semen Semenovich,  
dots.; SHAKHBAZYAN, Gayk Khachaturovich, prof.; PETROVSKIY,  
K.S., red.

[Manual of hygiene] Uchebnik gigiency. Meditsina, 1964.  
471 p. (MIRA 17:11)

1. Chlen-korrespondent AMN SSSR (for Shakhabzayan).

GABOVICH, R.D.; KUL'SKAYA, O.A.

Content of some trace elements in food rations of the population in the central zone of the Ukraine. Vop. pit. 23 no.1:60-66 Ja-F '64. (MIRA 17:8)

1. Iz kafedry kommunal'noy gigiyeny (zav. - prof. R.D. Gabovich) Kiyevskogo meditsinskogo instituta imeni akademika A.A. Bogomol'tsa.

SHAKHBAZYAN, G.L., prof., ovtv. red.; TRAKHTENBERG, I.M., dots.,  
red.; SAVITSKIY, I.V., kand. med. nauk, red.;  
GABOVICH, R.D., red

[Problems of industrial and agricultural toxicology]  
Voprosy promyshlennoi i sel'skokhoziaistvennoi toksikologii. Kiev, Zdorov'e, 1964. 197 p. (MIRA 18:2)

1. Kiev. Medichnyi instytut. 2. Chlen-korrespondent  
AMN SSSR (for Shakhabzyan).

KOSHKIN, Noissey L'vovich, prof.; GABOVICH, R.D.[Habovych, R.D.],  
red.

[Arkadii Ivanovich IAkobii, outstanding Soviet Hygienist]  
Arkadii Ivanovich IAkobii - vydatnyi vitchyznianyi higienist.  
Kyiv, Zdorov'ia, 1965. 31 p. (MIRA 18:9)

GABOVICH, Rafeil Davydovich; TRAKHTMAN, N.N., red.

[Hygiene] Gigiena. Izd.2., ispr. i sokrashchennoe. Moskva,  
Meditina, 1965. 319 p. (MIRA 18:5)

ZEDGENIDZE, G.A., prof.; AMOSOV, I.S.; LINDENBRATEN, L.D., prof.;  
SAK. ONOV, P., doktor med. nauk; GABOVICH, R.L., prof.;  
NIKBFRG, I.I., kand. med. nauk (Kiyev)

Book reviews. Med. rad. 10 no.10:81-88 O '65.  
(MIRA 18:12)  
I. Deystvitel'nyy chlen AMN SSSR (for Zedgenidze).

L 24237-66 EWT(n)

ACC NR: AP6014674

SOURCE CODE: UR/0241/65/010/010/0088/0088

REVIEWER: Gabovich, R. D. (Professor); Nikberg, I. I. (Doctor of medical sciences)

ORG: none

TITLE: Review of 'Problems of radiation safety in the storage and transport of radioactive isotopes' (Voprosy radiatsionnoy bezopasnosti pri khranenii i perevozke radioaktivnykh izotopov), edited by Active member of the Academy of Medical Sciences SSSR Prof. F. G. Krotkov, Meditsina Publ. House, Moscow, 134 pp. (2,000 copies) 35  
B

SOURCE: Meditsinskaya radiobiologiya, v. 10, no. 10, 1965, 88

TOPIC TAGS: radiation protection, gamma radiation, radioactive contamination, radioisotope

ABSTRACT: The book consists of six chapters which tersely yet broadly inform the reader of the basic problems of the organization of radiation protection during the storage and transport of radioactive isotopes. The first three chapters and the final chapter deal with the following general problems: location, layout, equipping, and operation of the depots and storage areas for radioactive substances; transportation of radioactive substances by different means; protective facilities for storage and transportation; breakdowns and emergencies during storage and transportation. Chapters 4 and 5 deal with the specific conditions of radiation protection, storage and transport of radioactive isotopes in medical and medical research institutions as well as in industry. Of major interest are the data presented in the table 19

Card 1/2

UDC: 614.898.5(049.3)

L 24237-66

ACC NR: AP6014674

on "Multiples of Attenuation of gamma-Radiation With Different Energies, Assured by Certain Types of Transport Containers," as well as a number of other composite tables and diagrams. Noteworthy also is the description of a modification of the method of determining the radioactive beta-contamination of surfaces by means of wet smears. The author is to be commended for devoting considerable attention to problems of protecting the health of the personnel handling the transportation and storage of isotopes, particularly as regards hematological tests. It is to be regretted, however, that the book lacks a prefatory chapter that would present information on the form, type, and properties of the most often used radioactive substances, and that, here and there, the style is somewhat awkward. [JPRS]

SUB CODE: 18, 20 / SUBM DATE: none

Card 2/2ddav

BUKHOVETS, V.I.; VAL'CHUK, N.K.; GABOVICH, V.D., professor

Studying morbidity with temporary loss of working capacity at  
machine-tractor stations. Sov.zdrav. 15 no.4:18-24 Jl-Ag '56.  
(MLRA 9:9)

1. Iz kafedry gigiyeny Vinnitskogo meditsinskogo instituta.  
(AGRICULTURE,  
dis. causing temporary loss of working capacity in tractor  
operators (Rus))

GABOVICH, V.I., kand. sel'skokhozyaystvennykh nauk.

Particular aspects of grape cultivation in the northern regions in  
relation to the development of its root system [with summary  
in French]. Izv. TSGhA no.1(20):85-102 '58. (MIRA 11:4)  
(Viticulture)

LOPSHITS, A.M. (Yaroslavl'); VIKSMAN, V.S. (Moskva); KIRANIKLOV, Khr.  
(Sofiya); BERKOLAYKO, S. (Belgorodskaya oblast'); LOKOV, Ye.A.  
(Krasnodarskiy kray); GABOVICH, Ya. (Tartu); SHULITS, Z.A.(Yaroslavl')  
RABINOVICH, V.L. (Petropavlovsk Tselinnogo kraya)

Problems. Mat. v shkole no.4:86 Ju-Ag '63. (MIRA 16:9)  
(Mathematics--Problems, exercises, etc.)

GAEBOVICH, Ya.Ya.; POVZNER, A.Ya.; SMIRNOV, V.I.; KALININA, L.P.

Reviews and bibliography. Usp. mat. nauk 20 no.3:259-270  
My-Je '65. (MIRA 18:6)

DNEPROVOLZHSKIY, S.A.; GABOVSKAYA, N.A., glavnnyy vrach.

Transthoracic goiter. Sov.med. 17 no.10:34-35 0 '53.

(MLRA 6:10)

1. Poliklinicheskoye otdeleniye 39-y ob"edinennoy bol'nitsy Frunzenskogo  
rayona Moskwy.  
(Goiter)

"APPROVED FOR RELEASE: 03/13/2001

CIA-RDP86-00513R000513920018-2

GABOWICZ, J.A. (Tartu)

On solutions of the equation  $x^3 + y^3 + z^3 - t^3 = 1$  a natural numbers.  
Rocznik matematyczny 7 no. 1: 63-64

APPROVED FOR RELEASE: 03/13/2001

CIA-RDP86-00513R000513920018-2"

DZHANPOLADYAN, L.; SIMONOV, M.; AGADZHANYAN, G., akademik:  
MANUKYAN, Kh.; MAMIKONYAN, K.; GABOYAN, M.; KURGINIAN, M.,  
nauchnyy sotrudnik

Scientists and public workers train replacements. NTO 5 no.7:  
10-19 Jl '63. (MIRA 16:8)

1. Predsedatel' Armyanskogo respublikanskogo soveta nauchno-  
tekhnicheskikh obshchestv (for Dzhanpoladyan). 2. Predsedatel'  
byuro po promyshlennosti komiteta obshchestvennoy aspirantury,  
chlen-korrespondent AN Armyanskoy SSR (for Simonov). 3. Pred-  
sedatel' byuro po sel'skomu khozyaystvu komiteta obshchestvennoy  
aspirantury i AN Armyanskoy SSR (for Agadzhanyan). 4. Direktor  
sovkoza "Masis" (for Manukyan). 5. Nachal'nik tsekha Yerevan-  
skogo khrompikovogo zavoda (for Mamikonyan). 6. Direktor  
leninakanskogo zavoda "Stroymashina" (for Gaboyan). 7. Institut  
stroymaterialov i sooruzheniy (for Kurginyan).  
(Armenia—Technical education)

L 38344-66 EWT(m)

ACC NR: AP6027985

SOURCE CODE: BU/0011/66/019/001/0021/0023

42  
B

-AUTHOR: Gabrakov, S.

ORG: Faculty of Physics, Sofia University

TITLE: Shell-model energy calculation for Li sup 6 /9

SOURCE: Bulgarska akademiya na naukite. Doklady, v. 19, no. 1, 1966, 21-23

TOPIC TAGS: nuclear shell model, nucleon, potential well, harmonic oscillator, nuclear energy, electron scattering

ABSTRACT: The basic idea of the shell model is the assumption that nucleons are in a potential well usually taken to be a harmonic oscillator. The purpose of the paper was to calculate the total energy of  $\text{Li}^6$  supposing the 1s and 1p nucleons are in two potential wells with different parameters  $b_1$  and  $b_2$ , and to find a correlation between them at a minimum value of energy. The total energy is the sum of three terms: 1) the energy of the closed shell  $(1s)^4$ ; 2) the energy of the shell  $(1p)^2$ ; 3) the interaction energy between the closed shell  $(1s)^4$  and the shell  $(1p)^2$ . The calculations have been made in the L-S coupling schema. Results show that calculating the binding energy of  $\text{Li}^6$  in this particular case the energy is at a minimum when the ratio between the two parameters is near the value

Card 1/2

0917 1700

L 38344-66

ACC NR: AP6027985

used to explain the experimental data on the scattering of fast electrons from Li<sup>6</sup>. The author thanks Dr. J. P. Elliott (University of Sussex, England) for his constant attention and advice. This paper was presented by Academician H. hristov on 21 September, 1965. [Orig. art. in Eng.] [JPRS: 36,845]

SUB CODE: 20 / SUBM DATE: 21Sep65 / OTH REF: 004

ms  
Card 2/2

L 12757-63 EWA(k)/FCS(k)/EWT(1)/EWG(k)/EWT(m)/BDS/EEC-2/EED-2/EFO-2/  
ES(v) AFITCO/ASD/ESD-3/APOC Pz-4/Pe-4 PT-2/ S/169/63/000/004/014/017  
JHB/GW/EH

AUTHOR: Gabrakov, St.

79

TITLE: A hypothesis on the nature of ball lightning ✓

PERIODICAL: Referativnyy zhurnal, Geofizika, no. 4, 1963, abstract 4B241  
(Khidrol. i meteorologiya, no. 3, 1962, 67-69, in Bulgarian)

TEXT: The author elucidates and discusses Bostick's experiments  
(Bostick, W., Phys. Rev., v. 104, 1956, 2) in which he passed current pulses of  
several thousand amperes with a duration of one microsecond through titanium  
electrodes saturated with deuterium and obtained a plasma column. Due to the  
powerful magnetic field formed at this time, the plasma column is separated from  
the electrodes and moves into the surrounding space as an independent plasma  
formation. The author proposes that the experiments described here may explain  
the mechanism for forming ball lightning, which he believes is nothing other  
than separate parts of a plasma column which appear under favorable conditions  
where there are lightning discharges.

[Abstracter's note: Complete translation.]

Card 1/1

GABRAKOV, Stefan

Nobel prizes of physics for 1960 given to D. Glazer for his discovery  
of bubble chamber. Fix mat spisanie RAN 4 no.3:233-234 '61.

GABRAKOV, St.

The new chemical elements. Priroda Bulg 11 no. 1:79-80 Je-F 62.

GABRAKOV, S.

The new unit for the atomic weight. Fiz mat spisanie BAN  
5 no.3:225-227 '62.

RAICHEV, P.; GAERAKOV, St.

The riddle of gravitation. I. Nauka i tekhn mladezh 14 no.6:  
19-21 Je '62.

"APPROVED FOR RELEASE: 03/13/2001

CIA-RDP86-00513R000513920018-2

RAICHEV, P.; GABRAKOV, St.

The riddle of gravitation. Nauka i tekhn mladezh 14 no.7:23-24 Jl '62.

APPROVED FOR RELEASE: 03/13/2001

CIA-RDP86-00513R000513920018-2"

EMERSLEBEN, O.; GABRAKOV, S.

The 1963 Nobel prize for physics. Fiz mat spisanie BAN 6 no. 4:  
299-300 '63.

GABRAHANSKI, [P.]

BULGARIA / Human and Animal Physiology. Blood Circulation.

Abs Jour: Ref Zhur-Biol., No 5, 1958, 22161.

Author : Radev, Stoyanov, Gabrashanski

Inst : Inst. Experim. Vet. Med. Bulg.

Title : Reflex Action of Gut Distension on the Heart Action.

Orig Pub: Izv. In-ta eksperim. vet. med. BLG. An, 1956,  
No 5, 43-50.

Abstract: No abstract.

Card 1/1

GABRAS CHANSKI, P.

३८

Tanzing, *Wissenschaft und Technikstudien*, Vol. 11, No. 3, 1971, pp. 261-270.



卷之三

— 2/2 —

NACHEV, B., GEROV, K., GABRASHANSKIY, P. and CHUSKHOV, P. (Higher Veterinary Medical Institute and Institute of Biology and Pathology of Reproduction. Sofia [Bulgaria])

"Selenium as a therapeutic and prophylactic means in exudative diathesis of chicks and in enzootic muscular dystrophy of lambs"

Veterinariya, vol. 39, no. 8, August 1962 pp. 44

NACHEV, B.; GEROV, K.; CABRASHANSKIY, P.; CHUSHKOV, P.

Selenium as a therapeutic and prophylactic means against  
exudative diathesis in chicks and enzootic muscular dystrophy  
in lambs. Veterinariia 39 no.8:44-46 Ag '62.

(MIRA 17:12)

1. Vysshiy veterinarno-meditsinskiy institut i Institut biologii  
i patologii razmnozheniya, Sofiya.

HUNGARY

NATSCHEFF, B., GEROFF, K., GABRAOCHANIE, P., TOCHUSCHKOFF, P.; Veterinary Academy Medical Clinic in Sofia (director: NATSCHEFF, B., professor) and Institute of Artificial Insemination and Breeding Diseases (director: BRATANOFF, K., professor) [original language version not given].

"Data on the Selenium Therapy and Prophylaxis of Enzootic Heart- and Skeletal Muscle Dystrophy of Lambs."

Budapest, Acta Veterinaria Academiae Scientiarum Hungaricae, Vol XIII, No 1, 1963, pages 11-13.

Abstract: [German article, authors' German summary] Selenium, in forms of Na selenite or selenium dioxide, in amounts of 1 mg was given to about 2000 lambs suffering from enzootic heart- and skeletal muscle dystrophy as well as to about 120,000 healthy lambs. Selenium proved to be a very good therapeutic and prophylactic compound. Within 2-5 days after the administration, 70-90 per cent of the diseased animals recovered. Among the healthy animals no new disease was discovered 2-3 days after the selenium administration. The prophylactic treatment had to be repeated 3-4 weeks later, in a few animals only. The treated lambs were in better condition than the untreated ones. Doses of 30 mg Na selenite and 10 mg selenium dioxide per kg body weight were toxic to the lambs. 1 Eastern European, 12 Western references.

1/1

"APPROVED FOR RELEASE: 03/13/2001

CIA-RDP86-00513R000513920018-2

GABRASHANSKI, Pavel, dotsent d-r, kandidat na veterinarnite nauki

On some diseases of the game in Bulgaria. Priroda Bulg  
12 no. 5: 53-57 S-0'63.

APPROVED FOR RELEASE: 03/13/2001

CIA-RDP86-00513R000513920018-2"

L 45628-66 TSV(d) IJP(c)

ACC NR: AR6017342

SOURCE CODE: UR/0044/66/000/001/B123/B123

AUTHOR: Gabrashvili, A. I.

REF SOURCE: Tr. Tbilissk. un-ta, v. 110, 1965, 329-336

TITLE: On computing double integrals on electronic computers

SOURCE: Ref. zh. Matematika, Abs. 1B575

TOPIC TAGS: double integral, computer programming, approximate solution, computer calculation

TRANSLATION: For the approximate integration of the integral

$$\int_a^b dx \int_c^d f(x, y) dy$$

various cubature formulas are used and also a formula of form

$$\int_c^d dy \int_a^b f(x, y) dx = \int_c^d F(y) dy, \quad \text{where} \quad F(y) = \int_a^b f(x, y) dx,$$

which requires a repeated application of Simpson's formula. It is shown that, from the point of view of reducing computer time and storage economy, the following propositions are true: 1. A double integral in  $f(x, y)$  on a rectangle  $D$  should be computed by means of repeated use of Simpson's quadrature formula when the function  $f(x, y)$ , re-

Card 1/2

UDC: 518:517.392

REF ID: A6513

L 45698-66

ACC NR: AR6017342

maining continuous in  $D$ , has in it points in the neighborhood of which the oscillation of  $f(x,y)$  is significant. 2. In all other cases, in computing the double integral it is convenient to use a cubature formula of form

$$\int_a^b dx \int_c^d f(x, y) dy = \frac{1}{12} (d - c) (b - a) \left[ f(a, c) + f(a, d) + f(b, c) + f(b, d) + 8f\left(\frac{a+b}{2}, \frac{c+d}{2}\right)\right] + R_2,$$

since it requires, in the transition from the given network to a new (refined) one, the calculation of new values of  $f(x,y)$  in half as many nodes as in the repeated use of Simpson's formula. 4 references. I. Shelikhova.

SUB CODE: 12,09/

-SUBN-DATE: none

Card 2/2 *1/17*

Gábori 1953  
58. Development of irrigation in Hungary - M. Gábori.  
(Világ Környezet - 1954, No. 4, pp. 403-431, 23  
figs., 24 tabs.)

GP

Drainage and flood protection work in Hungary were for the most part completed at the end of the last century. Numerical data on irrigation exist since 1820 but large-scale development in this field was started only in 1946. The distribution in 1953 of approx. 230 thousand acres of irrigated land according to crops was rice 19%, meadows and pastures 27%, arable land 25%, vegetable farms 14%, other 5%. For better utilization of the available irrigation water and of the productive capacity of the soil, irrigation of rice land should be executed with a view to crop rotation (part of the rice land turned into irrigated arable land). In 1953 80% of the irrigated land was collectively farmed. Formerly principally smaller lots were irrigated, at present large-scale irrigation is mostly practiced. The biggest irrigation system of the country is associated with the Tiszaalök Dam which will allow the diversion of 60 m<sup>3</sup>/sec of irrigation water after full development. In recent years experiments have been made to develop irrigation systems with temporary irrigation channels to meet the requirements of large-scale mechanized farming. Besides numerical data on the development of irrigation the paper deals in detail with the present state and development of the principles of irrigation methods, of irrigation systems, of construction, operation and returns.

ALCSER, Jeno; GABRI, Mihaly

The irrigation system of Hungary and basic principles for  
its development. Vizugyi kozl no.4:422-451 '58.

"APPROVED FOR RELEASE: 03/13/2001

CIA-RDP86-00513R000513920018-2

GABRI, Mihaly

The irrigation systems of France. Vizugyi kozl no.3:428-443 '60.

APPROVED FOR RELEASE: 03/13/2001

CIA-RDP86-00513R000513920018-2"

PAPP, Ferenc, dr.; BOZSONY, Denes; VAGAS, Istvan; OROSZLANY, Istvan;  
SCHULHOF, Odon, dr.; SZIGYARTO, Zoltan; HETENYI, Endre; HOLENYI,  
Laszlo; GABRI, Mihaly; HOLLO, Istvan; KESSLER, Hubert, dr.;  
WISNOVSZKY, Ivan; FINALY, Lajos; RATKY, Istvan; SZALAY, Miklos;  
IHRIG, Denes; KIRALY, Lajos; KERTAI, Ede

Report on the 1959 general meeting arranged by the Hungarian  
Hydrological Society. Hidrologiai kozlony 40 no.4:345-348 Ag  
'60.

1. Magyar Hidrologiai Tarsasag elnöke (for Papp). 2. Magyar  
Hidrologiai Tarsaság fototkara (for Bozsony). 3. "Hidrologiai  
kozlony" szerkeszto bizottsagi tagja (for Vagas, Oroszlany,  
Schulhof, Szigyarto and Hollo).

GABRI, Mihaly

Ice against frost damage. Elet tud 16 no.12:371-374 19 Mr  
'61.

GABRIAN, V., ing.

Some economic aspects of the loading mechanization of drifting  
mine galleries. Rev min 15 no.1:21-26 Ja '64.

"APPROVED FOR RELEASE: 03/13/2001

CIA-RDP86-00513R000513920018-2

SUBBOTIN, V.I.; USHAKOV, P.A.; GABRIANOVICH, B.N.

Hydraulic resistance to the flow of a liquid about a bundle of rods.  
Atom.energ. 9 no.4:308-310 0 '60. (MIRA 13:9)  
(Hydraulics)

APPROVED FOR RELEASE: 03/13/2001

CIA-RDP86-00513R000513920018-2"

SUBBOTIN, V.I., USHAKOV, P.A.; GABRIANOVICH, B.N.; ZHUKOV, A.V.

Heat exchange during the flow of mercury in a closely packed assembly of rods. Atom. energ. 9 no.6:461-469 D '60. (MIRA 13:12)  
(Mercury) (Heat--Transmission)

USHAKOV, P.A.; SUBBOTIN, V.I.; GABRIANOVICH, B.N.; TALANOV, V.D.;  
SVIRIDENKO, I.P.

Heat transfer and hydraulic resistance of close-packed bundles  
of rods arranged in-line. Atom. energ. 13 no.2:162-169 Ag  
'62. (MIRA 15:8)  
(Heat--Transmission) (Nuclear reactors)

AID Nr. 987-3 11 June

### HEAT TRANSFER OF LIQUID METALS IN PIPE FLOW (USSR)

Subbotin, V. I., P. A. Ushakov, B. N. Gabrianovich, V. D. Talanov, and I. P. Sviridenko. Inzhenerno-fizicheskiy zhurnal, v. 6, no. 4, Apr 1963, 16-21.

S/170/63/000/004/002/017

The Physics and Power Engineering Institute in Obninsk studied heat transfer from Hg at 18 to 60°C and from NaK alloy (22% Na, 78% K) at 70 to 110°C. Three test sections were used. The first consisted of a polished steel tube (20-mm diameter, 0.3-mm wall thickness) to which copper rings (43-mm diameter) were welded at 1-mm intervals. The thermocouples were located inside the copper rings. The second section contained a nickel tube (12-mm diameter, 0.4-mm wall thickness) also equipped with copper rings. The third section consisted of a machined copper tube with a 40-mm outer and a 20.8-mm inner diameter. Two series of experiments were conducted with NaK: 1) at  $470 < Pe < 7900$ , with oxide contents in the metal ranging from  $3 \cdot 10^{-4}$  to  $7 \cdot 10^{-4}$  wt %; 2) at  $107 < Pe < 640$ , with oxide contents of  $1 \cdot 10^{-3}$  to  $5.2 \cdot 10^{-3}$  wt %. The results showed that the Nusselt number for Hg in nickel and steel tubes and for NaK in copper tubes is identical. This indicates

Card 1/2

AID Nr. 987-31 11 June

HEAT TRANSFER OF LIQUID METALS IN PIPE FLOW [Cont'd]

S/170/63/000/004/002/017

that thermal contact resistance is practically absent under the conditions studied. Oxides in concentrations from  $3 \cdot 10^{-4}$  to  $5 \cdot 10^{-3}$  wt % did not affect heat transfer in NaK. The following formula is recommended at  $0.002 \ll Pr \ll 0.003$  and  $20 \ll Pe \ll 1000$  for metals containing oxides in concentrations below the solubility limit:  $Nu = 4.3 + 0.025 Pe^{0.8}$ .

[PV]

Card 2/2

Origin of the antidiuretic substance in rat serum  
Sav Pister, Draga Gajicic and Nada Alagracic, Institute of  
Yugoslavia, *Jelacic 10, 4000 Novi Sad, Yugoslavia*, *Received 19 May 1974*  
(1974) - The serum of hydrated and dehydrated rats contained more antidiuretic substance ADH than the control  
of control rats. ADH was higher in dehydrated rats.

*G-RB-R*

✓Antidiuretic substance in the serums of diabetic rats  
Nikša Albergotti, Irena Gabris, and Vjekoslav Šilist (Uroš  
Zagreb, Yugoslavia) *Zagreb Arh. za Farmaciju* 180  
174-6(1954).--The serums of alloxan-diabetic rats con-  
tained more antidiuretic substance than those of control  
rats.

S. Elitz

GABRIC, DORA

GERM.

Mechanism of the diabetogenic action of Pyromekazon.  
Nikta Allegretti, Vjekoslav Filter, Dora Gabric, and Rikard  
Munk (Univ. Zagreb, Yugoslavia). *Acta Physiol. Arch. ges.  
Physiol.* 259, 400-8 (1954); cf. *Experientia* 9, 416 (1953).—  
In rats Pyromekazon (2,3,4-triketotetrahydropyridine) (I)  
had one-half the diabetogenic potency of alloroxan (II).  
Ascorbic acid inhibited the diabetogenic activity of II but  
not that of I. S. Filter

GABRIC, Dora Dr.; ALLERGREGGTTI, Niksa, dr.

Selection of salt solutions in rats with metabolic loads. Lijec.  
vjes. 77 no.3-4 204-209 Mar-Apr '55.

1. I: Zavoda za fiziologiju Medicinskog fakulteta u Zagrebu.  
(SODIUM CHLORIDE,  
solutions, selection of concentration in adrenalec-  
tomized rats loaded with insulin or physical work)

GHDN/C, DURH

Med

*✓* The effect of simultaneous administration of ascorbic acid and alloxan or pyromecazone on the blood cells in the rat. Nikla Allegretti and Dora Gabrik (Univ. Zagreb, Yugoslavia). *Arch. intern. Pharmacodynamie* 107, 345-52 (1958).—The production of diabetes in the rat by injections of pyromecazone is prevented if ascorbic acid is given at the same time. Alloxan diabetes is not affected. Both drugs given with ascorbic acid cause a slight reduction of the erythrocyte count and a slight leucocytosis. Simultaneous administration of alloxan and ascorbic acid in the guinea pig. *Ibid.* 353-8.—Guinea pigs are resistant to alloxan diabetes, and ascorbic acid with alloxan increases its toxicity.

M. L. C. Bernstein

2

GABRIC, DORA

*Med*

✓ Voluntary intake of salt solution: Dora Gabric and  
Nikla Allegretti (Univ. Zagreb, Yugoslavia). *J. Physiol.*  
*Arch. ges. Physiol.* 262, 233-43 (1958).—When supplied  
with NaCl, KCl, MgCl<sub>2</sub>, NH<sub>4</sub>Cl, and CaCl<sub>2</sub> in 0.02M solns.,  
female rats chose mainly NaCl. Administration of insulin  
or glucose did not change their appetites for NaCl. Male  
rats did not exhibit as marked an appetite for NaCl, and  
forced running increased this appetite. When presented  
with 0.04, 0.08, 0.16, and 0.32M NaCl in addition to the above  
salt solutions, 0.16M NaCl was taken in largest amounts.  
Insulin, glucose, and muscle work produced the same effects  
as noted above. S. Ellis

2/

GABRIC, D.

Influence of X rays on the appetite of rats. Bul sc Youg  
7 no.1/2:13 F-Ap '62.

1. Zavod za fiziologiju Medicinskog fakulteta, Zagreb.

\*

YUGOSLAVIA

BOZOVIC, Ljubomir and GABRIC, Dora; Department of Physiology of Medical Faculty of University (Zavod za fiziologiju Medicinskog fakulteta Sveucilista) Zagreb.

"Experimental Study of Effectiveness of Teaching Methods in Physiology."

Zagreb, Radovi Medicinskog Fakulteta, Vol 11, No 1, 1963; pp 77-107.

Abstract : Evaluation of methods of teaching physiology by multiple-choice examinations: a. lectures, b. a + test, c. a + discussion in small (6) or large (30) groups of students with instructor, d. scripta for home study + c, and d. a + d. Effectiveness rose from a to e. There seemed to be but little difference in results between small- and large-group lectures-seminars. Two graphs, 13 tables; formulae, tables of questions; 1 US reference.

1/1

- END -